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10/593,517	04/02/2007	Alan John Morris Freeman	SCOTT PA5114	1709
27667	7590	03/09/2011	EXAMINER	
HAYES SOLOWAY P.C. 3450 E. SUNRISE DRIVE, SUITE 140 TUCSON, AZ 85718			COMLEY, ALEXANDER BRYANT	
			ART UNIT	PAPER NUMBER
			3746	
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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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### **Response to Arguments**

1. Applicant's arguments filed February 23<sup>rd</sup>, 2011 have been fully considered but they are not persuasive. The Examiner's responses can be seen below.
2. In regards to Applicant's arguments regarding the press frame 21 of Bergman not preloading the assembly, the Examiner must respectfully disagree. As described in the previous action, Bergman's device utilizes a cylinder-and-piston 1,4 (i.e. barrel assembly), pressure generator (4-7), end closure assemblies (2, 3), and a surrounding tension frame comprised of clamping pistons 21 and spacing block 20 (See Col. 6, Lines 17-36) Just like Applicant's tension frame and clamping pistons, the tension frame (20, 21) of Bergman is designed to press against the end closures (2, 3) in order to take up any axial forces placed thereon during pressurization inside chamber 10 (See Col. 5, lines 41-51; Col. 7, Lines 4-17; Col. 7, line 66 – col. 8, line 10) The Examiner must assert that these disclosures make it clear that the press frame 20, 21 is designed to press (i.e. pre-load) against the end closures (2, 3) and barrel assembly (1, 4), and plunger 15 in order to take up outwardly-acting axial forces created during intense pressurizing developed within chamber 10. The Examiner would further assert that the term "press frame" alone would imply that the press frame 21 is intended to press (i.e. pre-load) against the end closures and corresponding assemblies. The Applicant appears to be taking an unreasonably narrow view of the prior art, with which the Examiner simply cannot agree.

### **Contact Information**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ALEXANDER B. COMLEY whose telephone number is (571)270-3772. The examiner can normally be reached on M-F 7:30am - 5:00am EST (Alternate Fridays Off). If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Devon C. Kramer can be reached on (571)-272-7118. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Alexander B Comley/  
Examiner, Art Unit 3746

/William H. Rodríguez/  
Primary Examiner, Art Unit 3741

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